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PA - (MATU) MATSUSHITA ELEC IND CO LTD

PN - JP56057877 A 19810520 DW198127 000pp

- JP61036798B B 19860820 DW198637 000pp

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XIC - C09K-011/47 ; H01J-029/20

AB - J56057877 The fluorescent body consists of lanthanum thiogallate activated with cerium and fluoresces green efficiently. In its prepn., a mixt. of La₂S₃ and Ga₂S₃ in the approx. mol. ratio of 1:1 to which cerium cpd. has been added as activator, is placed in boat-form quartz tray and is burned at 800-950 deg. C in an amos. of sulphide such as H₂S. Improved luminescence is obtd. when La₂S₃ is used slightly in excess of Ga₂S₃. Oxides such as La₂O₅, Ga₂O₅ and CeO₂ may also be used as raw materials.

- Upon excitation with electron beam or ultraviolet ray, the fluorescent body fluoresces green and loses its afterglow in about 20 nanoseconds. It is esp. suitable for a flying spot tube and index tube.

IW - GREEN EMIT FLUORESCENT BODY CONSIST CERIUM ACTIVATE LANTHANUM THIO GALLATE

IKW - GREEN EMIT FLUORESCENT BODY CONSIST CERIUM ACTIVATE LANTHANUM THIO GALLATE

NC - 001

OPD - 1979-10-17

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PAW - (MATU) MATSUSHITA ELEC IND CO LTD

T1 - Green emitting fluorescent body - consists of cerium-activated lanthanum thio:gallate